

**EAST Search History**

<b>Ref #</b>	<b>Hits</b>	<b>Search Query</b>	<b>DBs</b>	<b>Default Operator</b>	<b>Plurals</b>	<b>Time Stamp</b>
S55	3	("6835465").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/06/30 14:39
S56	314	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same (lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum cerate) or (lanthanum cerate) or ("la.sub.2hf. sub.2o.sub.7") or ("la.sub.2zr.sub.2o. sub.7") or ("al. sub.2hf.sub.2o. sub.7") or ("ce. sub.2hf.sub.2o. sub.7") or ("ce. sub.2zr.sub.2o. sub.7") or ("al. sub.2ce.sub.2o. sub.7") or ("la. sub.2ce.sub.2o. sub.7")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30 16:06

S57	47	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same ((lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum cerate) or (lanthanum cerate) or ("la.sub.2hf. sub.2o.sub.7") or ("la.sub.2zr.sub.2o. sub.7") or ("al. sub.2hf.sub.2o. sub.7") or ("ce. sub.2hf.sub.2o. sub.7") or ("ce. sub.2zr.sub.2o. sub.7") or ("al. sub.2ce.sub.2o. sub.7") or ("la. sub.2ce.sub.2o. sub.7")) same3 (heat\$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30 16:07
S58	51	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same ((lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum cerate) or (lanthanum cerate) or ("la.sub.2hf. sub.2o.sub.7") or ("la.sub.2zr.sub.2o. sub.7") or ("al. sub.2hf.sub.2o. sub.7")) same3 (heat\$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30 16:31

		(sub.7") or ("ce. sub.2hf.sub.2o. sub.7") or ("ce. sub.2zr.sub.2o. sub.7") or ("al. sub.2ce.sub.2o. sub.7") or ("la. sub.2ce.sub.2o. sub.7")) and (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3)				
S59	51	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same ((lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum cerate) or (lanthanum cerate) or ("la.sub.2hf. sub.2o.sub.7") or "la.sub.2zr.sub.2o. sub.7") or ("al. sub.2hf.sub.2o. sub.7") or ("ce. sub.2hf.sub.2o. sub.7") or ("ce. sub.2zr.sub.2o. sub.7") or ("al. sub.2ce.sub.2o. sub.7") or ("la. sub.2ce.sub.2o. sub.7")) and (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3 or anneal \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30 16:32

S60	63	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 ((lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum cerate) or (lanthanum cerate) or ("la.sub.2hf. sub.2o.sub.7") or ("la.sub.2zr.sub.2o. sub.7") or ("al. sub.2hf.sub.2o. sub.7") or ("ce. sub.2hf.sub.2o. sub.7") or ("ce. sub.2zr.sub.2o. sub.7") or ("al. sub.2ce.sub.2o. sub.7") or ("la. sub.2ce.sub.2o. sub.7")) and (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3 or anneal \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30 16:35
S61	1013	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3 or anneal \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30 16:35

S62	1013	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3 or anneal \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 08:38
S63	228	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3 or anneal \$3) with ("C" or "F" or degree\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 08:39
S64	4	(thermal with barrier with coat \$3) and ((EB near2 PVD) or (electron near2 beam near3 deposit\$3)) same (multi\$4 near2 source\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 09:33
S65	10	(thermal with barrier with coat \$3) and ((EB near2 PVD) or (electron near2 beam near3 deposit\$3)) same ((multi\$4 near2 source\$2) or (co near2 evaporat \$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 09:36

S66	58	("2927043"   "3410716"   "3415672"   "3489537"   "3849865"   "3869779"   "3955935"   "3978251"   "3979534"   "3996021"   "4005989"   "4080486"   "4269903"   "4321310"   "4321311"   "4335190"   "4374183"   "4399199"   "4401697"   "4405659"   "4405660"   "4414249"   "4447503"   "4588607"   "4639399"   "4676994"   "4880614"   "4916022"   "5015502"   "5080977"   "5238752"   "5512382"   "5514482"   "5683761"   "5683825"   "5906895"   "5955182").PN. OR ("6482537").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/01 09:40
S67	12	("4399199"   "5512382"   "5660885"   "5683825"   "5792521"   "5871820"   "5914189"   "6482537").PN. OR ("6720038").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/01 09:51
S68	1	("6620518").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/01 10:12

S69	18	((thermal with barrier with coat \$3) or TBC) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ((Lanthanum zirconate) or ("la. sub.2zr.sub.2o. sub.7" ))) same ((aluminum near2 silicon) or ("al" near2 "si"))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:48
S70	2	((thermal with barrier with coat \$3) or TBC) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ((Lanthanum near2 zirconate) or ("la.sub.2zr.sub.2o. sub.7" ))) same ((aluminum near2 silicon) or ("al" near2 "si"))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:51
S71	0	((thermal with barrier with coat \$3) or TBC) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ((Lanthanum near2 zirconate) or ("la.sub.2zr.sub.2o. sub.7" ))) same ((aluminum near2 silicon) or ("al" near2 "si"))	EPO; JPO; DERWENT	OR	ON	2009/07/01 10:52

S72	1	((thermal with barrier with coat \$3) or TBC) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ((Lanthanum near2 zirconate) or ("la.sub.2zr.sub.2o. sub.7")))) same2 ((aluminum near2 silicon) or ("al" near2 "si"))	EPO; JPO; DERWENT	OR	ON	2009/07/01 10:52
S73	2	((thermal with barrier with coat \$3) or TBC) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ((Lanthanum near2 zirconate) or ("la.sub.2zr.sub.2o. sub.7")))) and ((aluminum near2 silicon) or ("al" near2 "si"))	EPO; JPO; DERWENT	OR	ON	2009/07/01 10:53
S74	77	((thermal with barrier with coat \$3) or TBC) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ((Lanthanum near2 zirconate) or ("la.sub.2zr.sub.2o. sub.7")))) and ((aluminum near2 silicon) or ("al" near2 "si"))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:53

S75	51	((thermal with barrier with coat \$3) or TBC) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ((Lanthanum near2 zirconate) or ("la.sub.2zr.sub.2o. sub.7"))) same3 ((aluminum near2 silicon) or ("al" near2 "si"))	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:53
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